MYCOPATHOLOGIA

ET

MYCOLOGIA APPLICATA

FUNDATORES:

R. CIFERRI

P. REDAELLI

EDENDA CURAVIT:

TIBOR BENEDEK

Chicago, Ill.

EDITORES:

S. Akai, Kyoto — J. Alkiewicz, Poznán — F. de Almeida, São Paulo — A. N. Aravysky, Leningrad — A. E. de Arêa Leão, Rio de Janeiro — V. A. Balabanoff, Sofia — E. Baldacci, Milano — J. Bánhegyi, Budapest — E. Baudys, Brno — A. L. van Beverwijk, Baarn — J. Biguet, Lille — F. Blank, Philadelphia, Pa. — K. B. Boedijn, The Hague — S. R. Bose, Calcutta — Wm. Bridge Cooke, Cincinnati, Ohio — H. Campins, Barquisimeto, Venezuela — A. L. Carrión, San Juan, P. R. — A. Castellani, Lisboa — A. Catanei, Alger — K. Cejp, Praha — A. Chaves Batista, Pernambuco — A. Ciccarone, Bari — N. F. Conant, Durham, N. C. — J. N. Couch, Chapel Hill, N. C. — S. N. Dasgupta, Lucknow — E. D. Delamater, Philadelphia — C. W. Dodge, Burlington Vt. — E. Drouhet, Paris — C. W. Emmons, Washington, D. C. — R. Evolceanu, Bucharest — E. Fejér, Budapest — G. W. Fischer, Pullman, Wash. — G. Florenzano, Firenze — A. da Fonseca, Rio de Janeiro — N. Fries, Uppsala — E. Gäumann Zürich — A. Gonzalez Ochoa, Mexico, D. F. — H. Götz, Essen — L. Grigoraki, Marseille — E. I. Grin, Sarajevo — E. Hazen, Albany N. Y. — R. Heim, Paris — N. Hiratsuka, Tokyo — D. Janke, Fulda — J. Jørstad, Oslo — P. N. Kashkin, Leningrad — F. D. Kern, State College, Pa. — A. M. Kligman, Philadelphia, Pa. — H. H. Kuehn, Bristol, Pa. — C. da Silva Lacaz, São Paulo — J. Lodder, Delft — J. E. Mackinnon, Montevideo — O. de Magalhaes, Belo Horizonte — F. Mariat, Paris — P. Martens, Louvain — D. S. Martin, Durham, N. C. — J. Meyer, Strasbourg — H. Pereiro Miguens Santiago de Compostela — R. Morquer, Toulouse — E. M. Mrak, Davis, Calif. — J. A. Nannfeldt, Uppsala — P. Negroni, Buenos Aires — F. L. Niño, Buenos Aires — J. Obrtel, Praha — T. Ørskov, København — Pereira Filho, Porto Alegre — B. Peyronel, Torino — A. Pilat, Praha — P. Pinetti, Cagliari — A. Pinto Viegas, Campinas — J. Politis, Athènes — G. Pollacci, Pavia — T. Rayss, Jerusalem — I. Reichert, Rehovot — F. Reiss, New York — E. Rivalier, Paris — K. Sakaguchi, Tokyo — R. Sartory, Strasbourg — G. H. Scherr, Chicago Heights — J. Schwarz, Cincinnati — F. J. Seaver, Winter Park, Fla. — G. Ségretain, Paris — R. Singer, Buenos Aires — A. H. Smith, Ann Arbor, Mich. — F. K. Sparrow, Ann Arbor, Mich. — J. A. Stevenson, Beltsville, Md. — Y. Takahashi, Sendai — M. J. Thirumalachar, Pimpri, Poona — A. Trotter, Vittorio Veneto — N. van Uden, Lisboa — A. C. Ukil, Calcutta — R. Vanbreuseghem, Anvers — C. Vermeil, Nantes — O. Verona, Pisa — G. A. de Vries, Baarn — S. A. Waksman, New Brunswick, N. J. — L. E. Wehmeyer, Ann. Arbor, Mich.

VOLUMEN XIX

UITGEVERIJ Dr. W. JUNK — DEN HAAG — 1963

VOLUMEN XIX

Fasc. 1—2. (pag. 1—160) edit: 10—V—1963
Fasc. 3. (pag. 161—268) edit: 15—VI—1963
Fasc. 4. (pag. 269—352) edit: 30—VI—1963
Supplementum edit: 30—VI—1963

INDEX AUTORUM

AGNIHOTHRUDU, V., 21
ALI, M. M., 94, 161
ALTERAS, I., 24
ANDRIEU, S., 315
BALABANOFF, V. A., 167, 283
BARNEY, M., 246
BENEDEK, T., 87, 266, 269, 342, 347, 352
BIGUET, J., 315
BOEDIJN, K. B., 350
BOSE, S. R., 265
CAPRETTI, C., 62
CARBONELL, L. M., 184
CHANDRA, S., 216
COOKE, W. B., 287
CROSS, D. O., 83
CUMMINS, G. B., 49
DODGE, C. W., 246
DURIE, E. B., 83
DUTTA B. G., 271
EMMONS, C. W., 159
EVOLCEANU, R., 24
FEDER, W. A., 99
FREY, D., 83
FUJINO, T., 125
GAYED, S. K., 205
GHOSH, G. R., 271
GÖBELEZ, M., 296
HANSON, E. W., 344
KALANI (Miss) I. K., 44, 238
KAPLAN, W., 173
KASĂROV, L. B., 167, 283
KAUFMAN, L., 173
KENDRICK, W. B., 241
KUEHN, H. H., 257
MANKOWSKI, Z. T., 1
MARTIN, G. W., 159, 346, 348
MATSUURA, G. S., 287
MEYER, E., 345
ORR, G. F., 257
PENN, A., 229
POLLAK, L., 184
RAMACHAR, P., 49
RAMA RAO, P., 255
RAO, V. G., 181, 225
ROMERO, A., 62
ROSTENBERG, A., 351
SALFELDER, K., 62
SARBHOY, A. K., 37
SIMMERS, R., 246
STOIAN, M., 24
TAKAHASHI, Y., 105
TANDON, R. N., 216

CONTENTS: CONTENUTO: INHALT: TABLE DES MATIÈRES:

Pag.

Z. Thaddeus Mankowski: Occurrence of Malignancy, Collagen Diseases and Myasthenia Gravis in the Course of Experimental Infections with *Candida albicans* (with 9 figs.). (*Rutgers Univ., Microbiol. Dept., New Brunswick, N.J.*) 1

V. Agnihothrudu: Notes on Fungi from North-East India-XV. A New Species of *Schizotrichum* from Assam (with 5 figs.). (*Tocklai Exp. Sta., Cinnamara, Assam*) 21

R. Evolceanu, I. Alteras & M. Stoian: Considérations sur la morphologie, le pouvoir pathogène et la "géophilie" du *Microsporon nanum* - Fuentes 1956 (avec 7 figs.). (*Centre Dermato-Vénér., Bucarest*) 24

A. K. Sarbhoy: Nutritional Studies of some Members of Mucorales IV. 1. Sugars, Amino- and Organic Acids of the Mycelium. (*Bot. Dept., Univ. of Allahabad, India*) 37

I. K. Kalani: Some New Records of Fungi Imperfecti from India (with 5 figs.). (*M.A.C.S. Labs., Poona 4*) 44

P. Ramachar & George B. Cummins: The Species of Uromyces on the Tribe Paniceae (with 2 plates). (*Dept. of Bot., Saifabad Sci. Coll., Osmania Univ., Hyderabad-7 and Dept. of Bot. and Plant Path., Purdue Univ., Lafayette, Ind.*) 49

Printed in Holland by
n.v. Dijkstra's Drukkerij, v.h. Boekdrukkerij Gebroeders Hoitsema, Groningen

Pag.

K. Salfelder, C. Capretti & A. Romero: *Histoplasma capsulatum* im Boden II. Morphologischer Pilznachweis, Gewebsreaktionen und Vergleich der Kulturversuche mit *Histoplasma capsulatum* mit den histologischen Untersuchungen bei Mäusen (mit 6 Fig.). (*Inst. del Anat. Patol., Hospital Los Andes und Lab. de Micol., Univ. de Los Andes, Mérida, Venezuela*) . . . 62

D. Frey, D. O. Cross & E. B. Durie: Investigation of a Series of Samples of House Dust for the Presence of Fungi: Correlation with Previous Investigations of Air-Borne Fungi and Sensitivity Tests on Patients. (*Inst. of Med. Res., Royal N. Shore Hospital, Sydney*) 83

Tibor Benedek: Fragmenta Mycologica IV. Use of Thymol as an Acaricidal Agent against Infestation of Fungus Cultures and Mycotheca with Acari (Mites) (with 5 figs.). (*Mycol. Sect., Dept. of Derm., Stritch School of Med., Loyola Univ., Chicago, Ill.*) 87

Mohammad Myser Ali: Factors Influencing Formation of Acervuli and Conidia by *Colletotrichum graminicola.* (*Jute Res. Inst., Tejgaon, Dacca-5, E. Pakistan*) 94

William A. Feder: A Comparison of Nematode-Capturing Efficiencies of Five *Dactylella* Species at Four Temperatures (with 3 figs.). (*Crops Res. Div., Agric. Res. Serv., U.S. Dept. of Agric., Orlando, Fla.*) 99

Yoshisada Takahashi: A Critical Survey of Medical Mycology for the Years 1946—1956 in Japan. (*Dept. of Derm., Tohoku Univ. School of Med., Sendai*) 105

Tsunesaburo Fujino: List of Publications in Medical Mycology in Japan (1957—1961). (*Res. Inst. for Microbial Dis., Osaka Univ., Osaka*) 125

Report on the Meeting of the International Society of Human and Animal Mycology (ISHAM) during the VIII-th International Congress for Microbiology, Montreal, 1962 140

Libri novi 159

Gallery of Contemporary Noted Mycologists, Nrs. 157, 158, 159, 160, 161, 162, 163, 164.

Mohammad Myser Ali: Factors Influencing Pathogenicity of Three Isolates of *Colletotrichum graminicola* on Wheat. (*Jute Res. Inst., Tejgaon, Dacca-5, E. Pakistan*) 161

V. A. Balabanoff & L. B. Kasărov: On the Taxonomy of *Trichophyton gallinae* (with 9 figs.). (*Dept. of Derm., High Med. Inst., Sofia; Res. Inst. of Epidemiol. and Microbiol., Sofia*) 167

W. Kaplan & L. Kaufman: Specific Fluorescent Antiglobulins for the Detection and Identification of *Blastomyces dermatitidis* Yeast-Phase Cells. (*Communic. Disease Center, Publ. Health Serv., U.S. Dept. of Health, Educ. and Welfare, Atlanta* 22, *Ga.*) 173

Vasant Gurunath Rao: Some New Host Records of *Alternaria* Species from India. (*M.A.C.S. Labs., Law Coll. Bldgs., Poona-4*). 181

Luis M. Carbonell & L. Pollak: Ultraestructura del *Paracoccidioides brasiliensis* en cultivos de la fase levaduriforme (con 12 laminas). (*Inst. Venezolano de Invest. Cient., Caracas; Inst. Nac. de Tuberculosis, Caracas*). 184

S. K. Gayed: On the Interaction in Culture between Two Pathogenic Soil-Inhabiting Fungi (with 5 figs.). (*Fac. of Sci., Univ. of Cairo*) 205

S. Chandra & R. N. Tandon: Studies on the Pectolytic Enzymes of *Aspergillus terreus* Thom. (with 5 figs.). (*Bot. Dept., Univ. of Allahabad*) 216

Vasant Gurunath Rao: Some New Pycnidial Fungi on *Mimusops elengi* Linn. from India (with 3 figs.). (*M.A.C.S. Lab., Law Coll. Bldgs., Poona-4*) . . 225

A. Penn: Behavior of Certain Fungi Injected in a Mixed Suspension into Mice. (*Clin. Lab., Jewish Hosp., Cincinnati, Ohio*) 229

I. K. Kalani: Some New Records of *Ciliochorella* Spp. from India (with 3 figs.). (*M.A.C.S. Lab., Poona-4*) 238

Pag.

W. Bryce Kendrick: Fungi Associated with Breakdown of Pine Leaf Litter in the Organic Horizon of a Podzol. (*Mycol. Unit., Plant Res. Inst., Canada Agric., Ottawa*) 241

M. Barney, Carroll W. Dodge & R. Simmers: *Debaryomyces* Infection in Vermont 246

P. Rama Rao: A New Species of *Chaetomella* from Soil (with 1 fig.). (*Bot. Dept., Osmania Univ., Hyderabad-7*) 255

Harold H. Kuehn & G. F. Orr: Observations on Gymnoascaceae IX. A New Species of *Pseudoarachniotus* from Soil-Burial Beds (with 4 figs.). (*Res. Labs., Rohm & Haas Co., Bristol, Pa.; Dept. of Bot., Univ. of Calif., Los Angeles 24, Calif.*) 257

Mycological Note: Appropriateness of the term Gymnoascaceae for the Sexual Stage of Some Dermatophytes (**S. R. Bose**). (*Med. Mycol. Lab., School of Trop. Med., Calcutta-12*) 265

Libri Novi 266

Gallery of Contemporary Noted Mycologists, Nrs. 165, 166, 167, 168.

T. Benedek: Editorial Microsporon vs. Microsporum 269

G. R. Ghosh & B. G. Dutta: Myxomycetes from Orissa (India)-III (with 3 plates and 6 figs.). (*Dept. of Bot., Ravenshaw Coll., Cuttack-3*) 271

V. A. Balabanoff & L. B. Kasărov: Production of Macroconidia of *Trichophyton megnini* under the Effect of Carbon Dioxyde (with 5 figs.). (*Dept. of Derm., High Med. Inst., Sofia Res. Inst. of Epidemiol. and Microbiol., Sofia*) 283

W. B. Cooke & G. S. Matsuura: Removal of ABS Solutions by a Common Fungus of Sewage. (*Robert A. Taft Sanitary Engin. Center, Bureau of State Services, Public Health Service, U. S. Dept. of Health, Educ. and Welfare, Cincinnati, Ohio*) 287

M. Göbelez: La Mycoflore de Turquie I. (*Şeker Enstitütü-Fitopatol. Lab., Şeker Fabrikasi, Eskischir*) 296

J. Biguet & S. Andrieu: Revue critique des Traveaux Mycologiques de 1940 à 1961 (avec 2 figs.) 315

Libri Novi 342

Gallery of Contemporary Noted Mycologists, Nrs. 169, 170, 171, 172.

GALLERY OF CONTEMPORARY NOTED MYCOLOGISTS

157. Margarit Di Menna, Wellington.
158. F. de Almeida, São Paulo.
159. S. Imai, Yokohama.
160. E. E. Vicher, Chicago.
161. K. Naguib, Cairo.
162. H. Seeliger, Bonn.
163. J. P. van der Walt, Pretoria.
164. J. A. Tomlinson, Warwick.
165. C. V. Subramanian, Jodhpur.
166. I. Alteras, Bucuresti.
167. G. F. Orr, Dugway.
168. V. A. Balabanoff, Sofia.
169. B. Della Torre, Pavia.
170. S. C. Desai, Bombay.
171. J. Biguet, Lille.
172. V. D. Newcomer, Los Angeles.

PLATES: TAVOLE: PLANCHES: TAFELN:

Gallery Nr. 157, 158, 159, 160, 161, 162, 163, 164 . . . . . 160/161
Gallery Nr. 165, 166, 167, 168 . . . . . 268/269
Gallery Nr. 169, 170, 171, 172 352

105 text figures